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State of Utah

DEPARTMENT OF NATURAL RESOURCES

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Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

M0430012

0001

February 17, 2009

Lon Thomas
Star Stone Quarries
4040 South 300 West
Salt Lake City, Utah 84107

Subject: Third Review of Notice of Intention to Commence Large Mining Operations,
Peoa Blonde Quarry, M0430012, Summit County, Utah

Dear Mr. Thomas:

The Division has completed a review of your Notice of Intention to Commence Large Mining Operations for the Peoa Blonde Mine, located in Summit County, Utah, which was received January 23, 2009. The attached comments will need to be addressed before tentative approval may be granted.

Please note that although there are deficiencies in the amendment, the maps (received March 14, 2008) appear to accurately show the location of the disturbed area as shown in the Wright Garff Resources Notice of Intention to Commence Small Mining Operations, S0430032.

Map 3.1 received March 14, 2008, shows soil stockpiles within the permitted area for the Wright Garff mine. This is a change from maps in your current mine plan which show stockpiles in various different locations. These soils were stockpiled from the entire mine site with the intention of using them during reclamation, and there could be other reclamation resources within the Wright Garff area, such as backfill material, that should be used throughout the mine area for reclamation. It does not appear the Board of Oil, Gas and Mining considered these complications when they ordered you to modify your mine plan to accommodate the Wright Garff mine.

It is the Division's position that soil salvaged from the mine site should be used for that purpose. Available soil and other resources needed for reclamation should be divided proportionally to allow for adequate reclamation of both areas.



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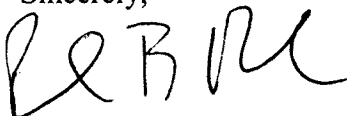
Reclamation of mine sites is required under State law. One of the legislative findings in the Mined Land Reclamation Act of 1975, is that, "Mined land should be reclaimed so as to prevent conditions detrimental to the general safety and welfare of the citizens of the state and to provide for the subsequent use of the lands affected" (UCA 40-8-2(3)). Rule R647-4-111 contains the standards that are to be applied during reclamation. Disturbed areas are to be reclaimed when no longer needed for the mining operation (R647-4-107.6).

The maps submitted in March 2008 do not replace all the maps in the plan. The plan needs to be a stand-alone document with current information, including modifications needed to accommodate the Wright Garff mine.

The comments in this review are listed under the applicable Minerals Rule heading; please format your response in a similar fashion. Some of the comments are general in nature and do not need to be addressed specifically except as they apply to various parts of the plan. Please address only those items requested in the attached technical review by sending replacement pages of the original mining notice using **redline and strikeout** text, so we can see what changes have been made. After the notice is determined technically complete and we are prepared to issue final approval, we will ask that you send us two clean copies of the complete and corrected plan. Upon final approval of the permit, we will return one copy stamped "approved" for your records.

The Division will suspend further review of the Notice of Intention until your response to this letter is received. If you have any questions in this regard please contact me at 801-538-5261 or Leslie Heppler at 801-538-5257. Thank you for your cooperation in completing this permitting action.

Sincerely,



Paul B. Baker
Minerals Program Manager

PBB:lah:vs
Attachment: Review
cc: larry_garahana@blm.gov
Ron Howell, Wright Garff Resources, cover letter only
P:\GROUPS\MINERALS\WP\M043-Summit\M0430012-PeoaQuarry\Final\REV3-2850-02022009.doc

**THIRD REVIEW OF AMENDED NOTICE OF INTENTION
TO COMMENCE LARGE MINING OPERATIONS**

**Star Stone Quarries
Peoa Blonde Mine**

**M0430012
February 12, 2009**

General Comments:

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
1	General	Submittal should be formatted to easily incorporate additional revisions and amendments.	LAH	
2	General	All maps and cross sections need to reflect the Wright Garff Property and appropriate transition zones.	LAH	
2	General	As per the meeting between the operator and the Division on January 22, 2009, much of the amendment submitted on January 23, 2009, reflects the operator's intent to begin reclamation of the property. Most comments listed below address the issue of a clear reclamation plan. The goal of the Division of Oil, Gas and Mining is to ensure the proper reclamation of mining properties.	LAH	

R647-4-105 - Maps, Drawings & Photographs

General Map Comments

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
3	General	Maps need to reflect final reclamation plan	LAH	

Specific Map Comments

105.3 Drawings or Cross Sections (slopes, roads, pads, etc.)

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
5	Page 4	Remove statement "Quarry is expected to be ongoing at the end of the current 5-year..."	LAH	
6	Page 4	Include cross sections (multiple) showing current topography and topography after regrading for reclamation is performed.		

105.4 Photographs

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
7	Omission	The Division recommends photo documentation of existing conditions	LAH	

R647-4-106 - Operation Plan

General Operation Comments

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
8	General	The operation plan needs to reflect the reclamation plan.	LAH	

106.1 Minerals mined

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
9	Page 5	Change to "No additional mining – reclamation to commence".	LAH	

106.2 Type of operations conducted, mining method, processing etc.

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
10	Page 5	Revise to indicate reclamation method, equipment, etc	LAH	

106.3 Estimated acreages disturbed, reclaimed, annually

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
11	Page 6	Revise for reclamation and reference to a map	LAH	

106.4 Nature of materials mined, waste and estimated tonnages

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
12	Page 7	Revise for reclamation	LAH	

106.9 Location & size of ore, waste, tailings, ponds

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
	11	Revise for reclamation and reference to a map	LAH	

R647-4-109 - Impact Assessment**109.4 Slope stability, erosion control, air quality, safety**

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
	16	Slope stability - Remove reference to highwall slopes during mining, but leave statement that the highwall slope will not exceed 45 degrees after reclamation is complete, as per rule.	LAH	

R647-4-110 - Reclamation Plan

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
	General	The plan should be worded to emphasize the reclamation plan, which includes regrading and reseeding. Submit a map with contour lines and multiple cross sections to show the different areas.	LAH	
	16	The postmining land use is the same as the premining land use unless it can be shown that an alternate use is feasible and is approved by the local agency with jurisdiction. A cabin, for example, could be allowed if the county has approved a subdivision allowing this development, but until this happens, the use needs to be the same as the premining land use. When the county gives approval, an amendment can be submitted. Please modify the plan accordingly.	LAH and PBB	

R647-4-112 - Variance (List all variance requested and make a finding if approving.)

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
	21	A road in itself is not a land use but rather facilitates another land use. No variance is needed if the road is associated with an existing land use in the immediate vicinity or if it connects to another existing road. Please provide further information about the road. Revise earlier map (July 25, 2007), include both the previous approved 12 foot road and the requested new alignment. Submit the acreage figures of both roads.	LAH and PBB	

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
	22	More detail is needed why the operator is requesting a 20 ft wide road variance.	LAH	
	22	No variance is required by DOGM to grade a level area. After an area is reclaimed the post mining use is up to other agencies, such as the county. Please remove the request.	LAH	
	22	No variance is required when a highwall of less than 45 degrees is the final slope angle. Please remove the request.	LAH	
	22	No variance is required by DOGM for a pond unless it does not meet the requirements of R647-4-111.9. It must have a sound hydrologic design and be beneficial to the postmining land use. Please state definitively whether the pond is part of the reclamation plan, and if it is, please show that it meets these criteria.	LAH and PBB	

R647-4-113 – Surety

Comment #	Sheet/Page / Map/Table #	Comments	Initials	Review Action
	22	Please provide an updated surety estimate taking into account the changed size of the disturbed area. The Division recommends that you include a map that ties the line items on the estimate to the surety map.	LAH	